From:	Geller, Alex
Sent:	Tuesday, March 29, 2016 10:44 AM
To:	Knox, Ryan; LaRosa, Steven; Engstrom, Erik; Levey, Rick
Cc:	Kim, Jon; Leon, Bennet; Spiese, Richard
Subject:	PFOA Data Standard
Attachments:	Data Standards.xlsx
Categories:	PFOA

Hi Everyone,

As we move forward with maturing the data management, we need to establish a data standard for various activities (requesting sampling, sample collection, receiving results, etc). Steve Larosa was generous enough to provide a first effort at this (Thanks steve). I've taken that starting point and produced the attached spreadsheet. This breaks out distinct datasets, describes their relationship to each other, and also describes what fields are filled in given a particular activity. There is also room for Air quality sampling and geology as well.

Please review this. I will send out an invitation shortly to review as a group. My goal is to publish a first draft of this by next week so that moving forward we can adopt these standards and begin streamlining the processing of information among various players.

Thanks,
-Alex

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DEC LE>N
CONTINUOUS IMPROVEMENT

Dataset			
	Field Name	**Field Type**	**Description**
Property			
	PropertyID(PK)	int	
	Lat	UTM NAD83	
	Long	UTM NAD84	
	PhysicalAddressNum	text	
	PhysicalAddressSt	text	
	PhysicalTown	text	
	OwnerFirstName	text	
	OwnerLastName	text	
	OwnerTel1	text	
	OwnertTel2	text	
	OwnerMailAddNum	text	
	OwnerMailAddSt	text	
	OwnerMailAddTown	text	
	OwnerMailAddState	text(2)	
	OwnerMailAddZip	number	
	TenantFirstName	text	
	TenantLastName	text	
	TenantTel1	text	
	TenantTel2	text	
	TenantMailAddNum	text	
	TenantMailAddSt	text	
	TenantMailAddTown	text	
	TenantMailAddState	text	
	TenantMailAddZip	number	
	NumOfOccupants	number	
	Comments	text	
Water Supply Well			
	WSWID	int	
	Lat	UTM NAD83	
	Long	UTM NAD84	
	Elevation		
	PropertyID(FK)		
	WellTag(FK)		
	Softener	Bit	
	ParticulateFilter	Bit	
	Ultraviolet	Bit	
	POETNum	text	
	POETInstallDate	date	
Water Supply Sample			
	WSWSID	int	
	WSWID(FK)	int	
	SampleType		(Well Sample, POET Influent, POET Effluent)

	SampleID	text	
	PFOA	decimal	Parts per trillion
	PFOAND	bit	
	PFHpA	decimal	Parts per trillion
	PFHpAND	bit	
	PFOS	decimal	Parts per trillion
	PFOSND	bit	
SoilSurfaceWaterSedimentSample			
	Lat	UTM NAD83	
	Long	UTM NAD84	
	Elevation		
	Type		(Soil, Sediment, Surface Water)
	LocationName		
	CollectionDate		
	SoilLog		
	Depth		
	PFOA	decimal	Parts per trillion
	PFOAND	bit	
	PFHpA	decimal	Parts per trillion
	PFHpAND	bit	
	PFOS	decimal	Parts per trillion
	PFOSND	bit	
Air Monitoring??			

Data collection step			
Requesting Sample	Collecting Sample	Receiving Lab Results	POET Installation
X			
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